

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
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TIMOTHY P. MURRAY  
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JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

10/7/11

Jaclyn Sexton  
Assistant District Attorney, Norfolk County

Dear ADA Sexton,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Lisa Glazer.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Lisa Glazer was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script, likely belonging to Annie Dookhan.

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

**Annie Khan (Dookhan)**

### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### **Experience:**

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Lisa A. Glazer

### Education

Bachelor of Science Degree, CHEMISTRY January 2006

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Bachelor of Science Degree, FORENSIC SCIENCE January 2006

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

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### Employment

Chemist I, II State Laboratory Institute (May 2007-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

Laboratory Technician I (August 2006 – May 2007)

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- Set-up experiment demonstrations
- Properly disposed of hazardous waste from the experiments
- Made sure labs were being conducted safely
- Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

Intern (September 2005 – November 2005)

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*

*Executive Office of Health and Human Services*

*Department of Public Health*

*State Laboratory Institute*

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

**DRUG RECEIPT**

City or Department:

Quincy

Police Reference No.:



Name and Rank of Submitting Officer:

DET. W. WARD

Defendant(s) Name (last, first, initial):



*To be completed by Submitter*

Description of Items Submitted

*To be completed by Lab Personnel*

Gross Weight

Lab Number

4 YELLOW CAPSULES

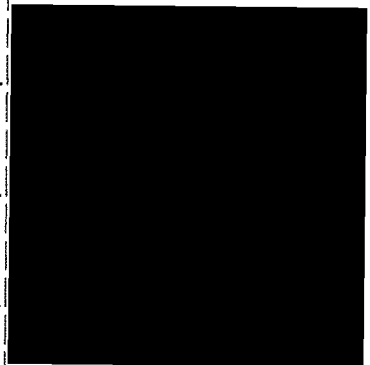
3.29g

1 GREEN TABLET

1.65g

1 BROKEN WHITE TABLET

1.62g



Received by:

[Signature]

Date:

2-9-11

No. [REDACTED] Date Analyzed: 04-16-11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: 4.0 Subst: CAP  
No. Cont: 1 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed:  
Gross Wt.: 3.29 Net Weight:  
# Tests: 1A2 ASD  
Prelim: E Findings: gabapentin

No. [REDACTED] Date Analyzed: 4/22/11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: 1.0 Subst: TAB  
No. Cont: 1 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed:  
Gross Wt.: 1.65 Net Weight:  
# Tests: 1A2 ASD  
Prelim: clonazepam Findings: clonazepam

No. [REDACTED] Date Analyzed: 04-16-11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: 1.0 Subst: BRKN TAB  
No. Cont: 1 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed:  
Gross Wt.: 1.67 Net Weight:  
# Tests: 1A2 ASD  
Prelim: E Findings: Alprazolam.

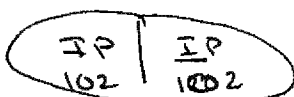
# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ASJ

No. of samples tested:            Evidence Wt.           

## PHYSICAL DESCRIPTION:

4 yellow capsules  
17.85



Gross Wt ( ):           

Gross Wt ( ):           

Pkg. Wt:           

Net Wt: 1.8388

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )           

Marquis           

Froehde's           

Mecke's           

### Microcrystalline Tests

Gold  
Chloride           

TLTA ( )           

### OTHER TESTS

Monochrome A.I.E

## PRELIMINARY TEST RESULTS

RESULTS gabapentin

DATE 02-16-11

## GC/MS CONFIRMATORY TEST

RESULTS           

MS  
OPERATOR           

DATE

## Drug Information

**DRUG NAME:** GABAPENTIN

**INGREDIENTS:** GABAPENTIN -- 300 MG

**Color:** Buff Opaque

**Imprint:** IP 102 The capsule is printed with IP 102 on both cap and body.

**Form:** Oral Capsule

**Available-Container-Size:** Bottle of 500 , Bottle of 1000 , Bottle of 100

**AAPCC Code:** 077730 - Other Types of Anticonvulsant (Excluding Barbiturates)

**NDC:** 65162-102-50

53746-102-10

65162-102-10

53746-102-05

53746-102-01

**UPC:** 53746-10201

65162-10250

53746-10210

65162-10210

53746-10205

**Excipients:** Starch, Pregelatinized ; Starch ; Talc ; Gelatin ; Sodium Lauryl Sulfate ; Titanium Dioxide ; Ferric Oxide, Yellow ; Magnesium Stearate

**Regulatory Status:** RX

**Availability:** United States

**Product ID** 6826048

**Contact:** Amneal Pharmaceuticals

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# DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Quincy

ANALYST

ASJ

No. of samples tested: \_\_\_\_\_

Evidence Wt. \_\_\_\_\_

## PHYSICAL DESCRIPTION:

1 green round tablet  
n.p.b

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1728



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( ) \_\_\_\_\_

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( ) \_\_\_\_\_

### OTHER TESTS

Monomer A + ⊕

## PRELIMINARY TEST RESULTS

RESULTS clonazepam

DATE 4-18-11

## GC/MS CONFIRMATORY TEST

RESULTS clonazepam

MS  
OPERATOR LAG

DATE 4-22-11



## Drug Information

**DRUG NAME:** CLONAZEPAM

**INGREDIENTS:** CLONAZEPAM -- 1 MG

**Color:** Light Green

**Shape:** Circle

**Imprint:** M The tablet is debossed with M on one side and C above the score and 14 below the score on the other side. , C 14

**Form:** Oral Tablet

**Available-Container-Size:** Strip of 100 , Bottle of 100 , Strip of 300 , Bottle of 1000 , Strip of 1 , Bottle of 90

**AAPCC Code:** 007000 - Benzodiazepines

**NDC:** 0378-1912-77

51079-882-20

51079-882-21

0378-1912-01

51079-882-56

0378-1912-10

51079-882-01

51079-882-30

**Excipients:** Lactose (Anhydrous) ; Silicon Dioxide, Colloidal ; Magnesium Stearate ; Cellulose, Microcrystalline ; Starch, Pregelatinized ; Sodium Lauryl Sulfate ; D&C Yellow No. 10 ; FD&C Blue No. 1 Lake

**Regulatory Status:** Schedule IV

**Availability:** United States

**Product ID** 5726398

**Contact:** Mylan Pharmaceuticals

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# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Derry ANALYST ASJ

No. of samples tested:            Evidence Wt.           

## PHYSICAL DESCRIPTION:

2 white broken tablets  
17-pb

(1 whole tab)

mylan

A

Gross Wt ( ):           

Gross Wt ( ):           

Pkg. Wt:           

Net Wt: 0.1986

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )           

Marquis           

Froehde's           

Mecke's           

### Microcrystalline Tests

Gold  
Chloride           

TLTA ( )           

### OTHER TESTS

Microscopic A 10

## PRELIMINARY TEST RESULTS

RESULTS Alprazolam

DATE 4-16-11

## GC/MS CONFIRMATORY TEST

RESULTS           

MS  
OPERATOR           

DATE

## Drug Information

**DRUG NAME:** ALPRAZOLAM

**INGREDIENTS:** ALPRAZOLAM -- 0.25 MG

**Color:** White

**Shape:** Circle

**Imprint:** MYLAN A This tablet is debossed with MYLAN over A on one side of the tablet and scored on the other side.

**Form:** Oral Tablet

**Available-Container-Size:** Strip of 100 , Bottle of 90 , Bottle of 500 , Strip of 1 , Bottle of 100

**AAPCC Code:** 007000 - Benzodiazepines

**NDC:** 0378-4001-05

51079-788-01

0378-4001-01

51079-788-21

0378-4001-77

51079-788-20

**Excipients:** Sodium Benzoate ; Sodium Lauryl Sulfate ; Silicon Dioxide, Colloidal ; Croscarmellose Sodium ; Docusate Sodium ; Lactose (Monohydrate) ; Magnesium Stearate ; Microcrystalline Cellulose

**Regulatory Status:** Schedule IV

**Availability:** United States

**Product ID** 5325950

**Contact:** Mylan Pharmaceuticals

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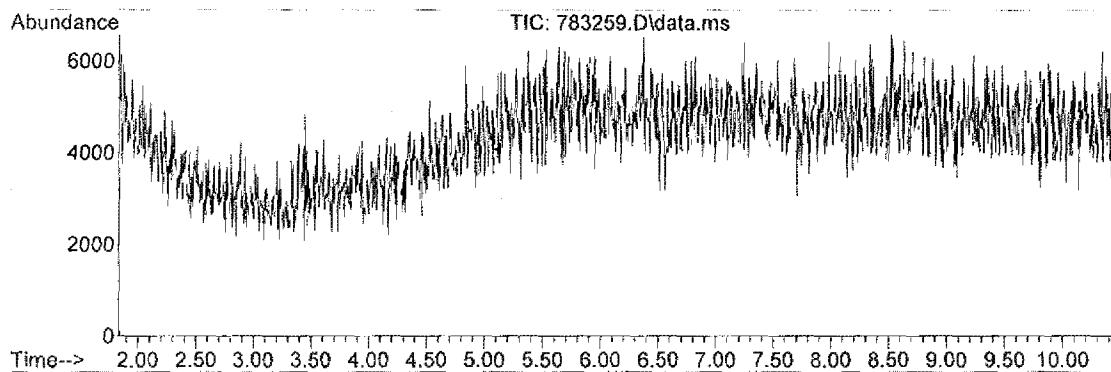
Area Percent / Library Search Report

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Operator : LAG  
Date Acquired : 19 Apr 2011 3:41  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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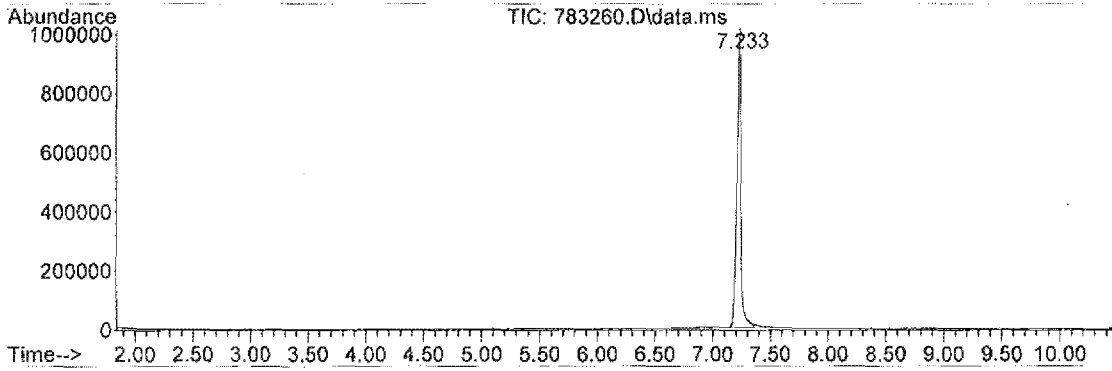
\*\*\*NO INTEGRATED PEAKS\*\*\*

LAG  
10/5/11

Area Percent / Library Search Report

Information from Data File:

File Name : I:\04\_18\_11\783260.D  
 Operator : LAG  
 Date Acquired : 19 Apr 2011 3:54  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 60  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE



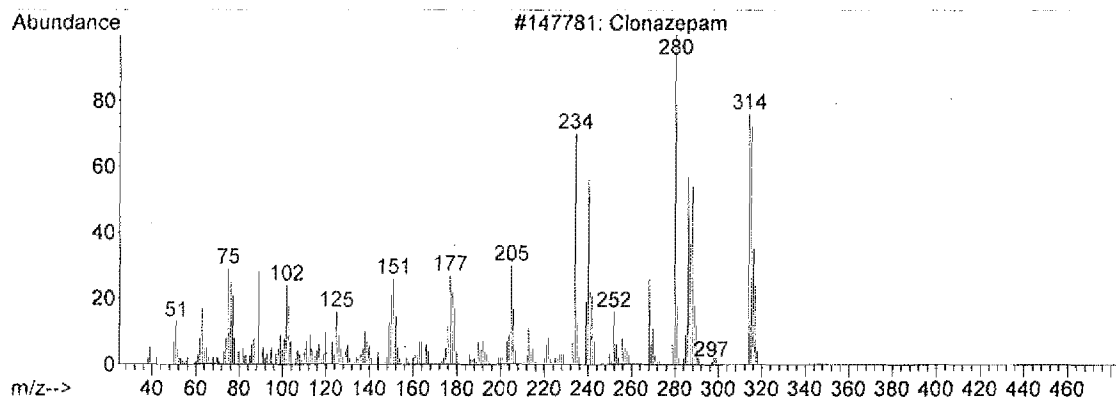
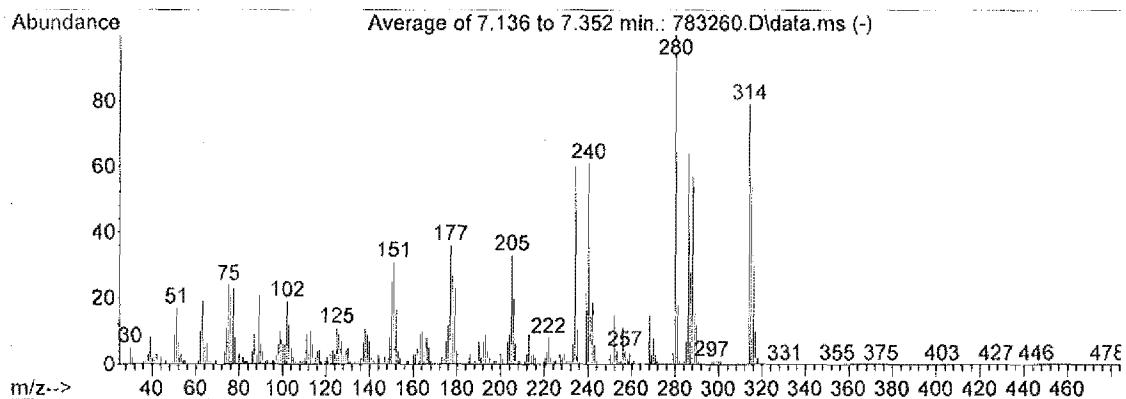
Ret. Time	Area	Area %	Ratio %
7.233	2506074	100.00	100.00

## Information from Data File:

File Name : I:\04\_18\_11\783260.D  
Operator : LAG  
Date Acquired : 19 Apr 2011 3:54  
Sample Name : CLONAZEPAM STD  
Submitted by :  
Vial Number : 60  
AcquisitionMeth: CLONAZ.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

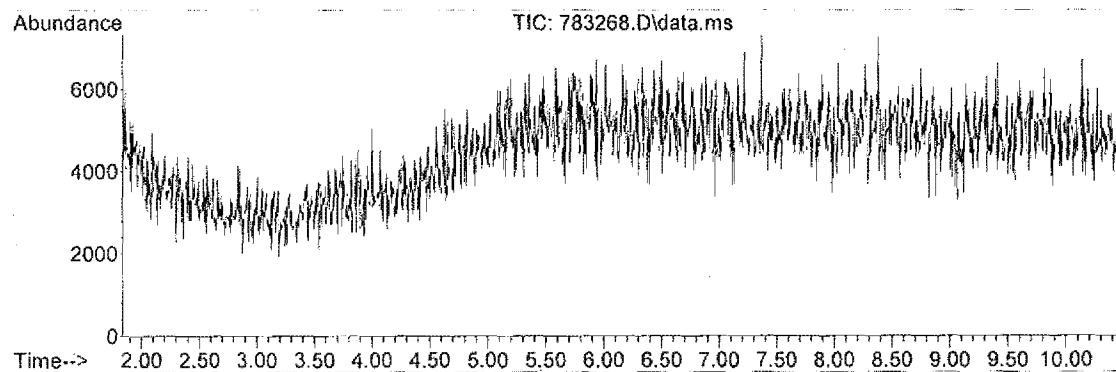
PK#	RT	Library/ID	CAS#	Qual
1	7.23	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99



# Area Percent / Library Search Report

Information from Data File:

File Name : I:\04\_18\_11\783268.D  
 Operator : LAG  
 Date Acquired : 19 Apr 2011 5:39  
 Sample Name : BLANK  
 Submitted by : ASD  
 Vial Number : 2  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

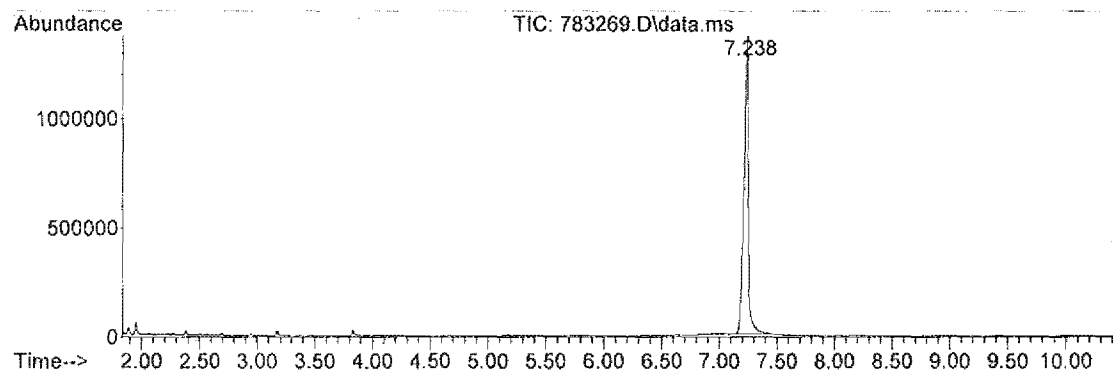


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : I:\04\_18\_11\783269.D  
Operator : LAG  
Date Acquired : 19 Apr 2011 5:52  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 69  
AcquisitionMeth: CLONAZ.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
7.238	3713328	100.00	100.00



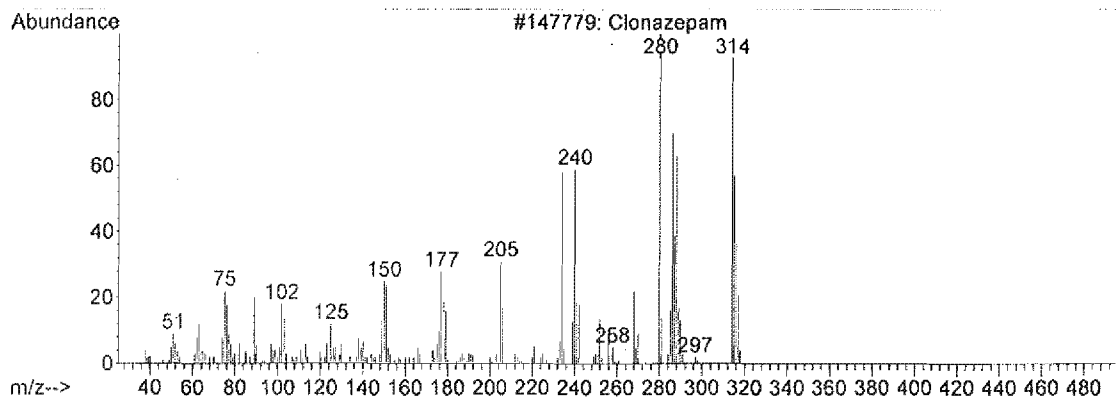
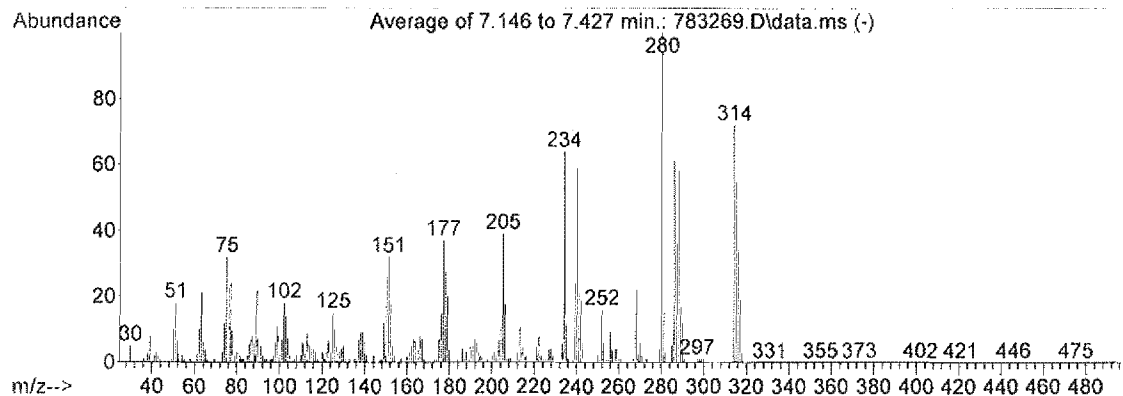
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**Information from Data File:**

File Name : I:\04\_18\_11\783269.D  
 Operator : LAG  
 Date Acquired : 19 Apr 2011 5:52  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 69  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

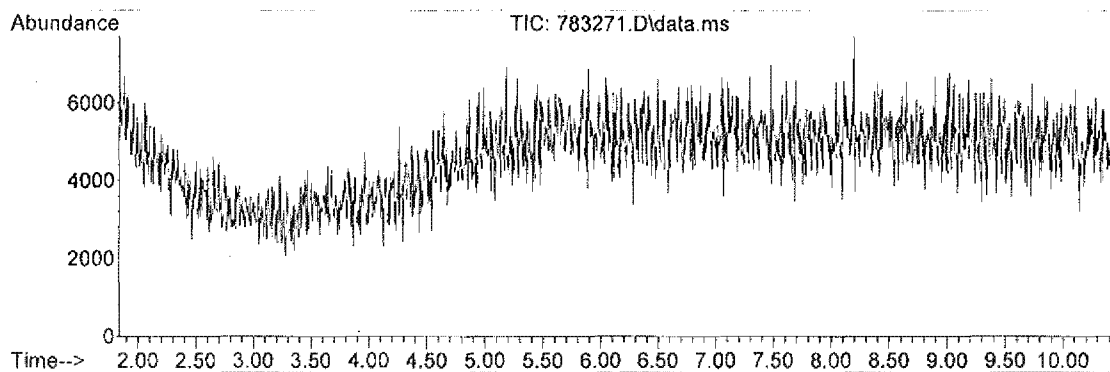
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		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99



# Area Percent / Library Search Report

Information from Data File:

File Name : I:\04\_18\_11\783271.D  
 Operator : LAG  
 Date Acquired : 19 Apr 2011 6:19  
 Sample Name : BLANK  
 Submitted by :  
 Vial Number : 2  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE



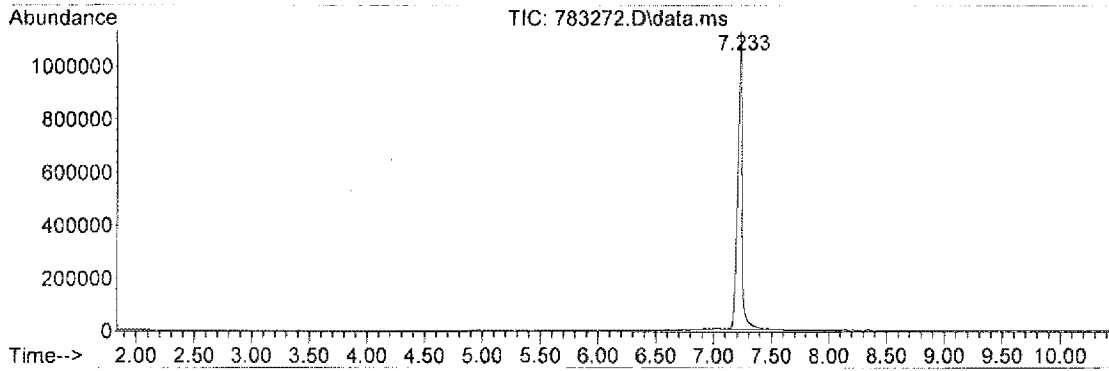
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : I:\04\_18\_11\783272.D  
 Operator : LAG  
 Date Acquired : 19 Apr 2011 6:32  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 60  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
7.233	2969958	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

File Name : I:\04\_18\_11\783272.D  
 Operator : LAG  
 Date Acquired : 19 Apr 2011 6:32  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 60  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.23	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99

